

**WHAT IS CLAIMED IS:**

- 1     1. A woven backing fabric for tufted carpets comprising:  
2                 a plurality of warps, each of said warps being comprised of a plurality of filaments;  
3                 a plurality of wefts, each of said wefts being comprised of a plurality of filaments;  
4                 a binding resin applied to said filaments of said wefts, said binding resin partially sticking  
5             on said filaments of said wefts and partially fixing said filaments of said wefts with one another,  
6             and partially fixing said warps and said wefts to each other.
- 1     2. A backing fabric as recited in claim 1, wherein said binding resin is a thermo adhesible  
2             resin.
- 1     3. A backing fabric as recited in claim 1, wherein said binding resin is a thermo adhesible  
2             fiber.
- 1     4. A backing fabric as recited in claim 2, wherein the amount of said binding resin ranges  
2             from 10 to 50 bulk percent of said filaments that make up said wefts.
- 1     5. A backing fabric as recited in claim 3, wherein the amount of said binding resin ranges  
2             from 10 to 50 bulk percent of said filaments that make up said wefts.

- 1       6. A tufted carpet comprising:
- 2           a backing fabric comprising:
- 3               a plurality of warps, each of said warps being comprised of a plurality of
- 4               filaments;
- 5               a plurality of wefts, each of said wefts being comprised of a plurality of filaments;
- 6       and
- 7               a binding resin applied to said filaments of said wefts, said binding resin partially
- 8               sticking on said filaments of said wefts and partially fixing said filaments of said wefts with one
- 9               another, and partially fixing said warps and said wefts to each other;
- 10              a first set of piles made of a first pile yarn, the first set of piles being tufted to the backing
- 11             fabric with a needle gauge ranging from 1/8 inch to 1/10 inch; and
- 12              a second set of piles made of a second pile yarn, the second set of piles being tufted to
- 13             the backing fabric with a needle gauge of twice the needle gauge of the first set of pile yarns and
- 14             arranged in double lines longitudinally front and rear together with respect to the first pile yarns,
- 15             and disposed between adjacent ones of the first piles.

- 1       7. A tufted carpet as recited in claim 6, wherein two to five threads of the wefts lie between
- 2       adjacent ones of the first set of piles tufted in the same stitch row of the first pile yarn and are
- 3       also disposed between adjacent ones of the second set of piles tufted in the same stitch row of the
- 4       second pile yarn.

- 1       8. A tufted carpet as recited in claim 6, wherein a thickness of the first pile yarn and the